



SUMMARY REPORT

4/2/98

HAPPY VALLEY '4' FED #22

10/23/97 Days- 64; Depth- 11,855'; RAN 5" IMPRESSION BLOCK; TD Basal Lower Morrow; Open well up, no csg psi, SL blow on tbg. TIH/4 1/2" magnet. Tagged @ 8959.35. Circ/1100# @ 2 1/4 brl per minute. Shut down pump & tag TOL twice magnet. TOH. Recovered few metal shavings in junk basket. Recovered a handful of metal shavings off magnet. WOO; Pick up 5" impression block & TIH. Tagged @ 8959.35/2K. Wt bled off & SL jump. Traveled 2' to 8961.35 & set 3K on impression block. TOH/block. Identical skid mark on side of 5" block that was made/6" imp block on 10-16-97/Patterson Rig 78. WOO; Shut well in & SDFN.
TMC-\$ 63,409 TDC-\$ 3,493 CWC-\$ 1,136,860 CMIC- KJ

10/24/97 Days- 65; Depth- 11855; FTG- 0; PICKED 3 3/4 BIT COLLARS & JAR; PICKED UP 3 3/4 BIT COLLAR JAR; MW- 10.4; Bit#- 12; Size- 3 3/4; Mfg- varel; Jets- center; BHA(ft)- 192.80; 100 psi on csg, bled off & blow down. pick up BHA & trip in hole as follows: tried to run tbg in hole but high winds would not permit. Shut well in. Shut down for day @ 11 AM.
DMC-\$ 0 TMC-\$ 63,409 TDC-\$ 2280 CWC-\$ 1,139,140 CMIC- KJ

10/25/97 Days- 66; Depth- 11855; FTG- 0; TRIPPING OUT/TAPERED MILL; basal lower morrow; TRIPPING OUT/TAPERED MILL; MW- 10-10.4; Bit#- 12; SN- 616212; Size- 3 3/4; Mfg- varel; Type- L2; Jets- center; In- 8962; Out- 9017; Ftg- 55; Hrs- 1; RPM- slow; BHA(ft)- 192.80; 0700 no psi on tbg or csg, open well up, change BHA, 2 collars below jars. TIH BHA & 279 jts tbg, roll 3 3/4 bit off into liner, power tongs, SL torque-pass bit in & out liner top 3 times & traveled 55' down into liner with no drag. Note: at liner top it takes 2-3K pulling out of liner top & 1K falling in. Tagging dept 8962'. TOH bit # 12. WO 4 3/4 tapered mill. Caliper tapered mill 2 5/8 OD at small end & 4 3/4 OD large end. TIH 4 3/4 tapered mill 3.36, xo .92, xo.97, Bit Sub 1.29, xo 1.24, bump sub 5.25, jars 8.48, xo 1.23, 6 2 7/8 DC 173.59, xo 1.06, TBHA 197.39 TBHA 203.39, 6' KB & 279 jts of tubing. Rig up strip rubber & power swivel @ 8957. Tagged mill @ 8960.88 & milled junk iron & top of liner to 8962.88 while reverse circ. Circ & clean hole. Rig down power swivel & TOH 50 stands. Close pipe rams & SDFN. 1900 hours.
TMC-\$ 63,409 TDC-\$ 6,975 CWC-\$ 1,146,115 CMIC- KJ